



Department of Energy

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9301627

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93-ERB-059

DEC 29 1992

Mr. Paul T. Day  
Hanford Project Manager  
U.S. Environmental Protection Agency  
Region 10  
712 Swift Boulevard, Suite 5  
Richland, Washington 99352



Dear Mr. Day:

VALIDATED DATA FOR THE 100-BC-5 OPERABLE UNIT (OU) LIMITED FIELD INVESTIGATION (LFI)

Enclosed please find two data validation reports submitted by the U.S. Department of Energy, Richland Field Office (RL) to the U.S. Environmental Protection Agency (EPA). Submittal of the documents by RL to EPA completes the proposed M-15-09A Hanford Federal Facility Agreement and Consent Order interim milestone (IM). The proposed M-15-09A IM description (ltr., S. H. Wisness, RL, to P. T. Day, EPA, "Submittal of the 100-BC-5 Operable Unit Remedial Investigation/Feasibility Study (RI/FS) Work Plan, Rev. 0, for Approval," dtd. July 31, 1992) is as follows:

Submittal of validated data of all sampling activities associated with Section 5.1.1.6, "Groundwater Investigations," including validated data from one round of quarterly groundwater samples. IM completion date: December 31, 1992.

The documents submitted by RL to EPA are listed below:

- Data Validation Report for the 100-BC-5 Operable Unit First Quarter Sampling. 25625
- Data Validation Report for the 100-BC-5 Operable Unit Groundwater Drilling. 25625

These reports contain a data validation summary which includes the following:

- Maps illustrating the 100-BC-5 OU monitoring well network and groundwater sampling locations.
- Case narrative summaries of data package validation for lab analysis of:
  - Soil samples collected during drilling of nine groundwater monitoring wells specified in the 100-BC-5 OU Work Plan.



Mr. Paul T. Day  
93-ERB-059

-2-

DEC 29 1992

- Groundwater samples from wells in the 100-BC-5 OU groundwater monitoring network.
- Data summary tables describing analyte concentrations for each sample.

The data was validated by a review of laboratory performance and implementation of appropriate procedures per Data Validation Procedures for Chemical Analyses, WHC-SD-EN-SPP-002, Revision 1, dated April 1, 1992, and Data Validation Procedures for Radiological Analyses, WHC-SD-EN-SPP-001, Revision 0, dated January 21, 1992.

Please address comments or questions regarding this correspondence or Hanford Site 100 Area Past-Practice environmental investigations to Mr. Eric Goller on (509) 376-7326.

Sincerely,



Steven H. Wisness  
Hanford Project Manager

Enclosures: As stated

cc w/encls:  
D. A. Faulk, EPA  
D. Goswami, Ecology  
K. Jones, Dames and Moore

cc w/o encls:  
S. Balone, EM-442  
R. P. Henckel, WHC  
J. K. Patterson, WHC  
D. B. Jansen, Ecology  
A. D. Krug, WHC  
B. A. Austin, WHC  
J. W. Roberts, WHC  
R. W. Scheck, Dames and Moore  
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Paul T. Day, U. S. EPA

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Subject: Validated Data for the 100-BC-5 Operable Unit (OU) Limited Field Investigation (LFI)

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